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ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
WASHINGTON, D.C. 20231

CASE DOCKET NO. GE998-005  
Date: January 27, 2000

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Ernst-Michael Hamann of Boeblingen, Germany  
Jutta Kreys of Stuttgart, Germany  
Narayanan Vasudevan of Gaithersburg, Maryland, USA

For: IMPROVED DIGITAL SIGNATURE

Enclosed are:

☒ 23 Pages of Specification.

☒ 4 Sheets of Informal Drawings.

Declaration and Power of Attorney is attached to the application.

Assignment and Assignment Cover Sheet

☒ Certified copy of European Patent application 99101913.4  
filed on 29 January 1999.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	15- 20 =	0
INDEP CLAIMS	4- 3 =	1
____ MULTIPLE DEPENDENT CLAIM PRESENTED		

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 690.00
X \$ 18 =	\$ 0.00
X \$ 78 =	\$ 78.00
+ \$ 260=	\$ .00
TOTAL	\$ 768.00

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X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510. A duplicate copy of this sheet is enclosed.

\_\_\_ Any additional filing fees required under 37 CFR 1.16.

\_\_\_ Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

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Enclosures

On behalf of IBM CORPORATION  
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